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Henkel Corporation

Parker-Amchem

December 19, 1989

O. WMD CC: RF P. 1

RECEIVED WESTLAKE

DEC 2 6 1989

U. S. EPA REGION 5 OFFICE OF REGIONAL ADMINISTRATOR

U.S. EPA, Region V Regional Administrator 230 W. Dearborn Street Chicago, Illinois 60604

Subject: Certification and Demonstration...40 CFR 2688

Reference:

Parker+Amchem M1D057676124

Dear Sir:

We are an R&D facility and generate small quantities of various hazardous wastes. The only reasonable means available to us for disposal of these lab wastes is incineration. Therefore in accordance with the above subject requirements the following Waste Codes U228, U239, U080, U220 are being submitted for incineration to Ensco, El Dorado, Ar. followed by landfill of residuals.

I certify under penalty of law that the requirements of 40 CFR 268.8 (a) (1) have been met and that disposal in a landfill or surface impoundment is the only practical alternative to treatment currently available. I believe that the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Yours truly,

PARKER+AMCHEM

George J. Beyer Technical Manager

GJB:dq



#### **INSTRUCTIONS**

This Land Disposal Restriction Notification Form has been specifically designed to provide ENSCO information required to treat, store, or dispose of your waste.

Hazardous waste regulations (40 CFR 268) require generators to provide a land disposal restriction notification with each manifest used for shipment of a restricted waste. This form has been designed to combine the notification requirements for all restricted wastes onto one form. For a shipment of only one category of restricted waste, read the instructions and complete the section of the form applicable to that waste. For shipments involving multiple categories of waste (i.e., Spent Solvents, California List, Hard Hammer, and/or Soft Hammer) complete only those sections applicable to the categories of waste on the shipment.

Answers must be provided for all questions/items for each applicable category of restricted waste on the attached form. Remove the instruction pages and print (ink only) or type the answer or mark the appropriate blanks so that all pages are clearly legible. If a particular category of waste is not applicable to your waste stream(s), you must signify by leaving that section blank. If additional information is submitted to complete an answer, indicate on the form that the additional information is attached as Attachment 1, Attachment 2, etc. This completed form and any attachments must accompany the manifest with the shipment.

#### **SPECIAL INSTRUCTIONS**

Hazardous waste regulations require the items set forth below be provided to the TSD.

#### PART I - GENERATOR INFORMATION

Manifest number - indicate the manifest number for applicable waste steam(s) listed on this form. If additional manifests are required for the shipment, each manifest requires its own separate Land Disposal Notification Form.

#### **PART II - NOTIFICATION**

#### A. Spent Solvent Wastes

If you are the generator of restricted Spent Solvent Waste(s) as specified under 40CFR 268.30, shipping to ENSCO, please mark the blank identifying that the Spent Solvent Notification is applicable to your waste stream(s) listed on the manifest.

Waste Code — In the space provided, list all USEPA Hazardous Waste Codes applicable to the Restricted Spent Solvent wastes as shown on the manifest.

Identification of waste — Mark the appropriate blank describing the method you used to determine that your waste stream(s) is restricted from land disposal. Note: If waste analysis data was used to determine the applicability of land disposal restrictions, copies of that data must be attached.

#### B. California List Wastes

If you are the generator of restricted California List Waste(s) as specified under 40CFR 268.32 shipping to ENSCO, please mark the blank identifying that the California List Notification is applicable to your waste stream(s) listed on the manifest.

Waste Code — In the space provided list all USEPA Hazardous Waste Codes applicable to the Restricted California List wastes as shown on the manifest.

Identification of waste — Mark the appropriate blank describing the method you used to determine that your waste stream(s) is restricted from land disposal. Note: If waste analysis data was used to determine the applicability of land



I. GENER	RAL INFORMATION
GENERAT	OR NAME PORTED AMOUNTED MANIFEST NO. AR-42036/
ADDRESS	32100 StepHens COMPLETED BY Jack A. Kramer
	Madison Heights MI 4807/ THEE Research Scientist
USEPA ID	NO. MED 057 676 124 DATE 11/13/89
II. NOTIF	FICATION
of certai	n is submitted to ENSCO, Inc. in accordance with regulations as set forth in 40CFR Part 268 governing land disposal n restricted hazardous wastes. In accordance with the requirements specified above, I have checked the ate blank(s) below outlining how my waste(s) must be managed.
	A. SPENT SOLVENT WASTES
/ check \	This shipment, as referenced by the above manifest number, contains waste(s) which correspond to USEPA Hazardous Waste Code(s)
( here )	. These wastes are restricted from land disposal
	as specified under 40CFR 268.30 and are identified as Spent Solvent Wastes. The constituent composition listed above is based upon:
	waste analysis data (attached) or
	my thorough knowledge of the waste stream.
	The above referenced waste(s) must be treated to meet the treatment standard expressed as Constituent Concentration in the Waste Extract as outlined in 40CFR 268.41 Table CCWE below.

# Table CCWE—Constituent Concentrations in Waste Extract

	Concentration	(in mg/l)
	Wastewaters	All other
F001—F005 spent solvents	containing	spent
-	spent	solvent
	solvents	wastes
Acetone	0.05	0.59
n-Butyl alcohol	5.0	5.0
Carbon disulfide		4.81
Carbon tetrachtoride		.96
Chlorobenzene		.05
Cresols (and cresylic acid)	2.82	.75
Cyclohexanone	.125	.75
1,2-Dichlorobenzene	.65	.125
Ethyl acetate		.75
Ethylbenzene	.05	.053
Ethyl ether		.75
Isobutanol		5.0
Methanol	E .	.75
Methylene chloride	.20	.96
Methylene chloride (from the pharma-		
ceutical industry)		.96
Methyl ethyl ketone		0.75
Methyl isobutyl ketone		0.33
Nitrobenzene		0.125
Pyridine	1.12	0.33
Tetrachioroethylene		0.05
Toluene		0.33
1,1,1-Trichloroethane		0.41
1,1,2-Trichloro-1,2,2-Trifluoroethane		0.96
Trichloroethylene		0.091
Trichlorofluoromethane		0.96
Xylene	0.05	0.15

Additional restricted wastes (California List, Hard Hammer, Soft Hammer) may be listed on the manifest with notifications for those wastes being listed elsewhere on this form.

### **B. CALIFORNIA LIST WASTES** This shipment, as referenced by the above manifest number, contains waste(s) corresponding to USEPA Hazardcheck ous Waste Code(s) \_\_\_\_ 900G here . These wastes are restricted from land disposal under 40CFR 268.32 and are identified as California List Waste. The constituent compositions used for identification are based upon: waste analysis data (attached) or my thorough knowledge of the waste stream. The above referenced waste(s) must be treated to meet the treatment standards as set forth in 40CFR 268 Subpart D, or where no treatment standard exists, the waste must be treated in accordance with the requirements specified in 40CFR 268.32 as follows: Liquid hazard ous wastes containing the following contaminants must be treated to at least the specified levels or must be rendered non-liquid per the paint filter test. (1) Free cyanides at concentrations greater than or equal to 1000 mg/l (2) One (or more) of these metals (or elements) at concentrations greater than or equal to those specified below: a. Arsenic and/or compounds (as As) 500 mg/l; b. Cadmium and/or compounds (as Cd) 100 mg/l; c. Chromium VI and/or compounds (as CrVI) 500 mg/l; d. Lead and/or compounds (as Pb) 500 mg/l; e. Mercury and/or compounds (as Hg) 20 mg/i; f. Nickel and/or compounds (as Ni) 134 mg/l; g. Selenium and/or compounds (as Se) 100 mg/l; h. Thallium and/or compounds (as Th) 130 mg/l. (3) Liquid hazardous wastes having a pH less than or equal to two (2.0). (4) Wastewaters containing Halogenated Organic Compounds (HOC's) less than 1000 mg/l; or for liquids and non-liquid HOC non-wastewaters greater than 1000 mg/l. The waste must be incinerated in an incinerator operating in accordance with 40CFR 264 and 265 or in a boiler or industrial furnace. 5. Liquid hazardous wastes containing PCB's at concentrations greater than or equal to 50 ppm and less than 500 ppm must be incinerated in accordance with 40 CFR 761.60 or 761.70. Incineration of these wastes must also be in accordance with 40CFR 264, 265 and 266. Additional restricted wastes (Solvent, Hard Hammer, Soft Hammer) may be listed on the manifest with notifications for those wastes being listed elsewhere on this form. C. HARD HAMMER WASTES This shipment, as referenced by the above manifest number, contains waste(s) which correspond to USEPA check Hazardous Waste Code(s) \_ here . These wastes are restricted from land disposal under 40CFR 268.33 and 268.34. The above referenced waste(s) must be treated to the appropriate treatment standard as set forth in 40CFR 268.41. 268.42, and/or 268.43. The applicable treatment standard for each waste code is listed below or provided on additional attached sheets: USEPA Hazardous Waste Code \_\_ The constituent composition used for identification is based upon: \_\_ waste analysis data (attached) or \_ my thorough knowledge of the waste stream.

(Specify treatment technology)

The treatment standard is expressed as \_\_\_\_

Non-Wastewater (Waste Code)			ecify Conce in mg/I or r		
CCW	CCWE		g/. 0. 1	mg/kg	mg/
	33112			g. Ng	11197
	_			<del></del>	
Wastewater		Sp	ecify Conce	entrations	<u> </u>
(Waste Code)			as mg	/I	
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Idammer Continuation Attachment. Idditional restricted wastes (Solvents, California List, Solvents on this for those wastes being listed elsewhere on this for the solvent in the	oft Hammer m. MER WAST ber, contain	may be listed	d on the ma	nifest with	notific Haza
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III. CEF

I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.



#### **INSTRUCTIONS**

This Land Disposal Restriction Notification Form has been specifically designed to provide ENSCO information required to treat, store, or dispose of your waste.

Hazardous waste regulations (40 CFR 268) require generators to provide a land disposal restriction notification with each manifest used for shipment of a restricted waste. This form has been designed to combine the notification requirements for all restricted wastes onto one form. For a shipment of only one category of restricted waste, read the instructions and complete the section of the form applicable to that waste. For shipments involving multiple categories of waste (i.e., Spent Solvents, California List, Hard Hammer, and/or Soft Hammer) complete only those sections applicable to the categories of waste on the shipment.

Answers must be provided for all questions/items for each applicable category of restricted waste on the attached form. Remove the instruction pages and print (ink only) or type the answer or mark the appropriate blanks so that all pages are clearly legible. If a particular category of waste is not applicable to your waste stream(s), you must signify by leaving that section blank. If additional information is submitted to complete an answer, indicate on the form that the additional information is attached as Attachment 1, Attachment 2, etc. This completed form and any attachments must accompany the manifest with the shipment.

#### **SPECIAL INSTRUCTIONS**

Hazardous waste regulations require the items set forth below be provided to the TSD.

#### **PART I - GENERATOR INFORMATION**

Manifest number - indicate the manifest number for applicable waste steam(s) listed on this form. If additional manifests are required for the shipment, each manifest requires its own separate Land Disposal Notification Form.

#### **PART II - NOTIFICATION**

#### A. Spent Solvent Wastes

If you are the generator of restricted Spent Solvent Waste(s) as specified under 40CFR 268.30, shipping to ENSCO, please mark the blank identifying that the Spent Solvent Notification is applicable to your waste stream(s) listed on the manifest.

Waste Code — In the space provided, list all USEPA Hazardous Waste Codes applicable to the Restricted Spent Solvent wastes as shown on the manifest.

Identification of waste — Mark the appropriate blank describing the method you used to determine that your waste stream(s) is restricted from land disposal. Note: If waste analysis data was used to determine the applicability of land disposal restrictions, copies of that data must be attached.

#### B. California List Wastes

If you are the generator of restricted California List Waste(s) as specified under 40CFR 268.32 shipping to ENSCO, please mark the blank identifying that the California List Notification is applicable to your waste stream(s) listed on the manifest.

Waste Code — In the space provided list all USEPA Hazardous Waste Codes applicable to the Restricted California List wastes as shown on the manifest.

Identification of waste — Mark the appropriate blank describing the method you used to determine that your waste stream(s) is restricted from land disposal. Note: If waste analysis data was used to determine the applicability of land



I. GENER	RAL INFORMATION	
GENERAT	OR NAME PARKER-Anchen	MANIFEST NO. AR-420368
ADDRESS	32100 Stephenson Huy	COMPLETED BY Jack A. Kramer
	Madison Heights, MI 48071	Research Scientist
USEPA ID	NO. MED 057 676 124	DATE 11//3/89
II. NOTIF	FICATION	
of certai		-
( check )		st number, contains waste(s) which correspond to USEPA
( here /		. These wastes are restricted from land disposal
	as specified under 40CFR 268.30 and are identified a above is based upon:	as Spent Solvent Wastes. The constituent composition listed
	waste analysis data (attached) or	
	my thorough knowledge of the waste strea	ı <b>m.</b>
	The above referenced waste(s) must be treated to Concentration in the Waste Extract as outlined in 40	o meet the treatment standard expressed as Constituent DCFR 268.41 Table CCWE below.

Table CCWE—Constituent Concentrations in Waste Extract

	TTUSIC EXITED	
	Concentration	(in mg/l)
	Wastewaters	All other
F001—F005 spent solvents	containing	spent
'	spent	solvent
	solvents	wastes
Acetone	0.05	0.59
n-Butyl alcohol	5.0	5.0
Carbon disulfide	1.05	4.81
Carbon tetrachloride	.05	.96
Chlorobenzene		.05
Cresols (and cresylic acid)	2.82	.75
Cyclohexanone	.125	.75
1,2-Dichlorobenzene	.65	.125
Ethyl acetate		.75
Ethylbenzene	.05	.053
Ethyl ether	.05	.75
isobutanoi	5.0	5.0
Methanol		.75
Methylene chloride	.20	.96
Methylene chloride (from the pharma-		
ceutical industry)		.96
Methyl ethyl ketone	0.05	0.75
Methyl isobutyl ketone	0.05	0.33
Nitrobenzene	0.66	0.125
Pyridine	1.12	0.33
Tetrachloroethylene	0.079	0.05
Toluene	1.12	0.33
1,1,1-Trichloroethane	1.05	0.41
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.05	0.96
Trichloroethylene	0.062	0.091
Trichlorofluoromethane		0.96
Xylene	0.05	0.15

Additional restricted wastes (California List, Hard Hammer, Soft Hammer) may be listed on the manifest with notifications for those wastes being listed elsewhere on this form.

	B. CALIFORNIA LIST WASTES
/ check \	This shipment, as referenced by the above manifest number, contains waste(s) corresponding to USEPA Hazard-
(here)	ous Waste Code(s) These wastes are restricted from land disposal under 40CFR 268.32 and are identified as California List Waste. The constituent compositions used for identification are based upon:
	waste analysis data (attached) or
	my thorough knowledge of the waste stream.
	The above referenced waste(s) must be treated to meet the treatment standards as set forth in 40CFR 268 Subpart D, or where no treatment standard exists, the waste must be treated in accordance with the requirements specified in 40CFR 268.32 as follows:
	Liquid hazardous wastes containing the following contaminants must be treated to at least the specified levels or must be rendered non-liquid per the paint filter test.
	(1) Free cyanides at concentrations greater than or equal to 1000 mg/l
	(2) One (or more) of these metals (or elements) at concentrations greater than or equal to those specified below:
	<ul> <li>a. Arsenic and/or compounds (as As) 500 mg/l;</li> <li>b. Cadmium and/or compounds (as Cd) 100 mg/l;</li> <li>c. Chromium VI and/or compounds (as CrVl) 500 mg/l;</li> <li>d. Lead and/or compounds (as Pb) 500 mg/l;</li> <li>e. Mercury and/or compounds (as Hg) 20 mg/l;</li> <li>f. Nickel and/or compounds (as Ni) 134 mg/l;</li> <li>g. Selenium and/or compounds (as Se) 100 mg/l;</li> <li>h. Thallium and/or compounds (as Th) 130 mg/l.</li> </ul>
	(3) Liquid hazardous wastes having a pH less than or equal to two (2.0).
	(4) Wastewaters containing Halogenated Organic Compounds (HOC's) less than 1000 mg/l; or for liquids and non-liquid HOC non-wastewaters greater than 1000 mg/l. The waste must be incinerated in an incinerator operating in accordance with 40CFR 264 and 265 or in a boiler or industrial furnace.
	<ol> <li>Liquid hazardous wastes containing PCB's at concentrations greater than or equal to 50 ppm and less than 500 ppm must be incinerated in accordance with 40 CFR 761.60 or 761.70. Incineration of these wastes must also be in accordance with 40CFR 264, 265 and 266.</li> </ol>
	Additional restricted wastes (Solvent, Hard Hammer, Soft Hammer) may be listed on the manifest with notifications for those wastes being listed elsewhere on this form.
	C. HARD HAMMER WASTES
(check here	This shipment, as referenced by the above manifest number, contains waste(s) which correspond to USEPA Hazardous Waste Code(s)
, ,	. These wastes are restricted from land disposal under 40CFR 268.33 and 268.34.
	The above referenced waste(s) must be treated to the appropriate treatment standard as set forth in 40CFR 268.41, 268.42, and/or 268.43. The applicable treatment standard for each waste code is listed below or provided on additional attached sheets:
	USEPA Hazardous Waste Code
	The constituent composition used for identification is based upon:
	waste analysis data (attached) or
	my thorough knowledge of the waste stream.
	The treatment standard is expressed as(Specify treatment technology)

	Waste Code) Non-Wastewater	,		ncentrations or mg/kg	
	CCI	V CCWE		mg/kg	mg/
	Waste Code)			ncentrations mg/l	
łammer Contin	ace is required or additional Hard Hand Hand Hand Hand Hand Hand Hard Hand Hard Hard Hard Hard Hard Hard Hard Har				
Hammer Contir Additional resti	nuation Attachment. ricted wastes (Solvents, California List wastes being listed elsewhere on this	Soft Hammer form.	) may be listed on the		
Hammer Contin Additional restrions for those	nuation Attachment. ricted wastes (Solvents, California List wastes being listed elsewhere on this D. SOFT HA	Soft Hammer form. MMER WAST	r) may be listed on the	manifest with	notifi
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III. CE

I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.



#### **INSTRUCTIONS**

This Land Disposal Restriction Notification Form has been specifically designed to provide ENSCO information required to treat, store, or dispose of your waste.

Hazardous waste regulations (40 CFR 268) require generators to provide a land disposal restriction notification with each manifest used for shipment of a restricted waste. This form has been designed to combine the notification requirements for all restricted wastes onto one form. For a shipment of only one category of restricted waste, read the instructions and complete the section of the form applicable to that waste. For shipments involving multiple categories of waste (i.e., Spent Solvents, California List, Hard Hammer, and/or Soft Hammer) complete only those sections applicable to the categories of waste on the shipment.

Answers must be provided for all questions/items for each applicable category of restricted waste on the attached form. Remove the instruction pages and print (ink only) or type the answer or mark the appropriate blanks so that all pages are clearly legible. If a particular category of waste is not applicable to your waste stream(s), you must signify by leaving that section blank. If additional information is submitted to complete an answer, indicate on the form that the additional information is attached as Attachment 1, Attachment 2, etc. This completed form and any attachments must accompany the manifest with the shipment.

#### **SPECIAL INSTRUCTIONS**

Hazardous waste regulations require the items set forth below be provided to the TSD.

#### PART I - GENERATOR INFORMATION

Manifest number - indicate the manifest number for applicable waste steam(s) listed on this form. If additional manifests are required for the shipment, each manifest requires its own separate Land Disposal Notification Form.

#### **PART II - NOTIFICATION**

#### A. Spent Solvent Wastes

If you are the generator of restricted Spent Solvent Waste(s) as specified under 40CFR 268.30, shipping to ENSCO, please mark the blank identifying that the Spent Solvent Notification is applicable to your waste stream(s) listed on the manifest.

Waste Code — In the space provided, list all USEPA Hazardous Waste Codes applicable to the Restricted Spent Solvent wastes as shown on the manifest.

Identification of waste — Mark the appropriate blank describing the method you used to determine that your waste stream(s) is restricted from land disposal. Note: If waste analysis data was used to determine the applicability of land disposal restrictions, copies of that data must be attached.

#### B. California List Wastes

If you are the generator of restricted California List Waste(s) as specified under 40CFR 268.32 shipping to ENSCO, please mark the blank identifying that the California List Notification is applicable to your waste stream(s) listed on the manifest.

Waste Code — In the space provided list all USEPA Hazardous Waste Codes applicable to the Restricted California List wastes as shown on the manifest.

Identification of waste — Mark the appropriate blank describing the method you used to determine that your waste stream(s) is restricted from land disposal. Note: If waste analysis data was used to determine the applicability of land



. GENER	RAL INFORMATION	٨	1 1		10 11.	-2/1	
GENERATO	OR NAME THEK	ee An	nether	MANIFEST NO.	HK- 7	902FP	
ADDRESS.	32/00	StepHe	gut freeze	COMPLETED BY	Y Jack A	, Kraner	
	Madison	Heights	, MI 480 /	TITLE	Research	Scientist	
USEPA ID I	Oin Con	4 48c	118 57	DATE	11/13/89		
II. NOTIF	FICATION	/	4				
of certai	n is submitted to ENSo n restricted hazardo ate blank(s) below or	ous wastes. I	In accordance with	the requirement managed.			
(check)	This shipment, as r Hazardous Waste C		the above manifes		ains waste(s) wl	nich correspond to	USEPA
here /						estricted from land of	
	as specified under a above is based upo		and are identified a	s Spent Solvent	t Wastes. The co	nstituent compositio	n listed
	waste ana	lysis data (atta	ached) or				
	my thorou	gh knowledge	e of the waste strear	n.			
			must be treated to				stituent

Table CCWE—Constituent
Concentrations in Waste Extract

	Concentration	(in mg/l)
F001—F005 spent solvents	Wastewaters containing spent solvents	All other spent solvent wastes
Acetone	0.05	0.59
n-Butyl alcohol		5.0
Carbon disulfide	1.05	4.81
Carbon tetrachloride	.05	.96
Chlorobenzene	.15	.05
Cresols (and cresylic acid)	2.82	.75
Cyclohexanone	.125	.75
1,2-Dichlorobenzene	.65	.125
Ethyl acetate	.05	.75
Ethylbenzene	.05	.053
Ethyl ether		.75
Isobutanol		5.0
Methanol	.25	.75
Methylene chloride	.20	.96
Methylene chloride (from the pharma-		
ceutical industry)	12.7	.96
Methyl ethyl ketone		0.75
Methyl isobutyl ketone		0.33
Nitrobenzene		0.125
Pyridine		0.33
Tetrachloroethylene	0.079	0.05
Toluene		0.33
1,1,1-Trichloroethane		0.41
1,1,2-Trichloro-1,2,2-Trifluoroethane		0.96
Trichloroethylene	0.062	0.091
Trichlorofluoromethane		0.96
Xylene		0.15

Additional restricted wastes (California List, Hard Hammer, Soft Hammer) may be listed on the manifest with notifications for those wastes being listed elsewhere on this form.

	B. CALIFORNIA LIST WASTES
check	This shipment, as referenced by the above manifest number, contains waste(s) corresponding to USEPA Hazardous Waste Code(s)
here /	. These wastes are restricted from land disposal under 40CFR 268.32 and are identified as California List Waste. The constituent compositions used for identification are based upon:
	waste analysis data (attached) or
	my thorough knowledge of the waste stream.
	The above referenced waste(s) must be treated to meet the treatment standards as set forth in 40CFR 268 Subpart D, or where no treatment standard exists, the waste must be treated in accordance with the requirements specified in 40CFR 268.32 as follows:
	Liquid hazardous wastes containing the following contaminants must be treated to at least the specified levels or must be rendered non-liquid per the paint filter test.
	(1) Free cyanides at concentrations greater than or equal to 1000 mg/l
	(2) one (or more) of these metals (or elements) at concentrations greater than or equal to those specified below:
	a. Arsenic and/or compounds (as As) 500 mg/l; b. Cadmium and/or compounds (as Cd) 100 mg/l; c. Chromium VI and/or compounds (as CrVl) 500 mg/l; d. Lead and/or compounds (as Pb) 500 mg/l; e. Mercury and/or compounds (as Hg) 20 mg/l; f. Nickel and/or compounds (as Ni) 134 mg/l; g. Selenium and/or compounds (as Se) 100 mg/l; h. Thallium and/or compounds (as Th) 130 mg/l.
	(3) Liquid hazardous wastes having a pH less than or equal to two (2.0).
	(4) Wastewaters containing Halogenated Organic Compounds (HOC's) less than 1000 mg/l; or for liquids and non-liquid HOC non-wastewaters greater than 1000 mg/l. The waste must be incinerated in an incinerator operating in accordance with 40CFR 264 and 265 or in a boiler or industrial furnace.
	<ol> <li>Liquid hazardous wastes containing PCB's at concentrations greater than or equal to 50 ppm and less than 500 ppm must be incinerated in accordance with 40 CFR 761.60 or 761.70. Incineration of these wastes must also be in accordance with 40CFR 264, 265 and 266.</li> </ol>
	Additional restricted wastes (Solvent, Hard Hammer, Soft Hammer) may be listed on the manifest with notifications for those wastes being listed elsewhere on this form.
	C. HARD HAMMER WASTES
(check here)	This shipment, as referenced by the above manifest number, contains waste(s) which correspond to USEPA Hazardous Waste Code(s) These wastes are restricted from land disposal under
( )	40CFR 268.33 and 268.34.
	The above referenced waste(s) must be treated to the appropriate treatment standard as set forth in 40CFR 268.41, 268.42, and/or 268.43. The applicable treatment standard for each waste code is listed below or provided on additional attached sheets:
	USEPA Hazardous Waste Code
	The constituent composition used for identification is based upon:
	waste analysis data (attached) or
	my thorough knowledge of the waste stream.
	The treatment standard is expressed as(Specify treatment technology)

	Non-Wastewater (Waste Code)			Specify Concentrations in mg/l or mg/kg			
		CCW	CCWE	mg/kg	mg/l		
	Wastewater			Specify Concentrations			
	(Waste Code)			as mg/I			
		<u></u>					
	If additional space is required or additional Har	d Hami	ner waste	codes are listed on the manifest atta	ach H		
	Hammer Continuation Attachment.  Additional restricted wastes (Solvents, California)	a List, S	oft Hamme				
	Hammer Continuation Attachment.  Additional restricted wastes (Solvents, California tions for those wastes being listed elsewhere or	a List, S ı this fo	oft Hamme rm.	er) may be listed on the manifest with			
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I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.